Hewlett Packard Enterprise HPE Support Center

HPE 2510 Switch Series - Overview

Product description

Product features

Links to product specifications

Link to warranty information

Links to product QuickSpecs

Link to drivers, firmware, software and manuals

Link to list of available documents

Product description

HP E2510-24 Switch (J9019B)

HP E2510-24G Switch (J9279A)

HP E2510-48 Switch (J9020A)

HP E2510-48G Switch (J9280A)

Designed to provide essential solutions to small and medium businesses, the HP ProCurve Switch 2510 Series consists of four Layer 2 managed switches that provide reliable 10/100 and 10/100/1000 connectivity. Building off of the popularity of the HP ProCurve Switch 2510-24, a 24-port 10/100 switch with two dual-personality ports, the 2510 series has expanded to include a higher-density HP ProCurve Switch 2510-48, with 48 10/100 ports and four Gigabit uplinks.

top

Product features

Click here to view the product features of HP E2510-24 Switch .

Click here to view the product features of HP E2510-24G Switch .

Click here to view the product features of HP E2510-48 Switch .

Click here to view the product features of HP E2510-48G Switch .

HP E2510-24 Switch

Feature	Description
Processor and memory	MIPS 32 @ 264 MHz, 8MB flash, 64MB SDRAM, packet buffer size: 384KB
Performance	• 100Mb Latency: < 4.9 µs (64-byte packets) • 1000Mb latency: < 2.6 µs (64-byte packets) • Throughput: Up to 6.5 million pps (64-byte packets) • Switching capacity: 8.8 Gb/s • MAC address table size: 8000 entries
Ports	• 24 RJ-45 auto-sensing 10/100 ports: ◦ IEEE 802.3 type 10Base-T ◦ IEEE 802.3u type 100Base-TX • Media type: ◦ Auto-MDIX ◦ Duplex: half or full

Feature	Description
	• 2 dual-personality port. Each port can be used as either an RJ-45 10/100/1000 port or an open mini-GBIC slot
Mounting	Mounts in an EIA-standard 19-inch telco rack or equipment cabinet (hardware included); horizontal surface mounting only.

HP E2510-24G Switch

Feature	Description
Processor and memory	MIPS @ 264 MHz, 16MB flash, 64MB SDRAM, packet buffer size: 0.75MB
Performance	• Latency: < 5.6 µs (FIFO 64-byte packets) • Throughput: Up to 35.7 million pps • Switching capacity: 48 Gb/s • MAC address table size: 8000 entries
Ports	• 20 auto-sensing 10/100/1000 ports: ◦ IEEE 802.3 type 10Base-T ◦ IEEE 802.3u type 100Base-TX ◦ IEEE 802.3ab type 1000Base-T • Media type: ◦ Auto-MDIX ◦ Duplex: ▪ 10Base-T/100Base-TX: half or full ▪ 1000Base-T: full only • 4 dual-personality port. Each port can be used as either an RJ-45 10/100/1000 port or an open mini-GBIC slot (for use with mini-GBIC transceivers)
Mounting	Mounts in an EIA-standard 19-inch telco rack or equipment cabinet (hardware included); horizontal surface mounting only.

HP E2510-48 Switch

Feature	Description
Processor and memory	MIPS 32 @ 300 MHz, 16MB flash, 128MB SDRAM, packet buffer size: 512KB
Performance	• 100Mb Latency: < 4.9 µs (64-byte packets) • 1000Mb latency: < 2.9 µs (64-byte packets) • Throughput: Up to 13 million pps (64-byte packets) • Switching capacity: 17.6 Gb/s • MAC address table size: 8000 entries
Ports	• 48 RJ-45 auto-sensing 10/100 ports: ◦ IEEE 802.3 type 10Base-T ◦ IEEE 802.3u type 100Base-TX • Media type: ◦ Auto-MDIX ◦ Duplex: half or full • 2 RJ-45 auto-sensing 10/100/1000 ports: ◦ IEEE 802.3 type 10Base-T ◦ IEEE 802.3u type 100Base-TX ◦ IEEE 802.3ab type 1000Base-T • Media type: ◦ Auto-MDIX ◦ Duplex: ▪ 10Base-T/100Base-TX: half or full ▪ 1000Base-T: full only • 1 RJ-45 serial console port • 2 open mini-GBIC (SFP) slots

Feature	Description
Mounting	Mounts in an EIA-standard 19-inch telco rack or equipment cabinet (hardware included); horizontal surface mounting only.

HP E2510-48G Switch

Feature	Description
Processor and memory	MIPS @ 264 MHz, 16MB flash, 64MB SDRAM, packet buffer size: 1.5MB
Performance	• Latency: < 5.4 µs (FIFO 64-byte packets) • Throughput: Up to 71.4 million pps • Switching capacity: 96 Gb/s • MAC address table size: 8000 entries
Ports	• 44 auto-sensing 10/100/1000 ports: ◦ IEEE 802.3 type 10Base-T ◦ IEEE 802.3u type 100Base-TX ◦ IEEE 802.3ab type 1000Base-T • Media type: ◦ Auto-MDIX ◦ Duplex: ▪ 10Base-T/100Base-TX: half or full ▪ 1000Base-T: full only • 4 dual-personality port. Each port can be used as either an RJ-45 10/100/1000 port or an open mini-GBIC slot (for use with mini-GBIC transceivers)
Mounting	Mounts in an EIA-standard 19-inch telco rack or equipment cabinet (hardware included); horizontal surface mounting only.

top

Links to product specifications

Click here to view the product specifications of the HPE 2510 Switch Series .

top

Link to warranty information

Click here to check the warranty status . .

Click here for worldwide limited warranty and technical support available .

top

Links to product QuickSpecs

Click here to view the Worldwide QuickSpecs for the HPE 2510 Switch Series in html format .

Click here to view the Worldwide QuickSpecs for the HPE 2510 Switch Series in pdf format .

Click here to view the QuickSpecs homepage .

top

Link to drivers, firmware, software and manuals

Click here to access the drivers, firmware, software and manuals information .

top

Link to list of available documents

Click here to view the list of documents available for HPE 2510 Switch Series .

top

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